



GAU 1764

Dkt. 62935/PJP

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Vladimir Andreevich Bushuev

Serial No. : 09/649,431

Group Art Unit: 1764

Filed : August 25, 2000

Examiner: T. D. Dang

For : PROCESS FOR PRODUCING LOW-MOLECULAR OLEFINES,  
REACTOR FOR PYROLYSIS OF HYDROCARBONES AND  
APPARATUS FOR QUENCHING CRACKED GAS

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

S I R:

Transmitted herewith is an amendment to the above identified application.

X  Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement previously submitted.

A verified statement to establish small entity status under 37 C.F.R. §1.9 and §1.27 is enclosed.

No additional fee is required.

The filing fee is calculated as follows:

	NUMBER AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		NUMBER OF EXTRA CLAIMS PRESENTED		RATE FEE				
							SMALL ENTITY	OTHER ENTITY		SMALL ENTITY	OTHER ENTITY
Total Claims	5	-	20	=	0	X	9	18	=	0	
Independent Claims	3	-	3	=	0	X	40	80	=	0	
Multiple Dependent Claim(s) Presented <u> </u> Yes <u> X </u> No							135	270		0	
For First Time							TOTAL ADDITIONAL FEE \$ 0				

\*If the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than 20, write "20" in this space.

\*\*If the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than 3, write "3" in this space.

\*\*\*If the difference between the "NUMBER AFTER AMENDMENT" and the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than "0", write "0" in the space.

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Amendment Transmittal Letter  
Page Two

The "HIGHEST NUMBER PREVIOUSLY PAID FOR" (Total or Independent) is the highest of the "NUMBER AFTER AMENDMENT" in any prior amendment of the number of claims as originally filed

\_\_\_\_\_ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_. Three copies of this sheet is enclosed.

X A check in the amount of \$55.00 is enclosed for the extension fee.

X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposition Account No. 03-3125. Three copies of this sheet are enclosed.

X Any filing fees under 37 C.F.R. \$1.16 for the presentation of extra claims.

X Any patent application processing fees under 37 C.F.R. \$1.17.

Respectfully submitted,



Peter J. Phillips  
Registration No. 29,691  
Attorney for Applicant  
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I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents,  
Washington, D.C. 20231.

 8-20-01  
Peter J. Phillips Date  
Reg. No. 29,691



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APPARATUS FOR QUENCHING CRACKED GAS

1185 Avenue of the Americas  
New York, New York 10036  
August 20, 2001

Assistant Commissioner for Patents  
Washington, D.C. 20231

SIR:

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AMENDMENT IN RESPONSE TO JUNE 20, 2001 OFFICE ACTION  
AND PETITION FOR ONE MONTH EXTENSION OF TIME

This Amendment is submitted in response to the Office Action issued in connection with the above-identified application on June 20, 2001. A response was originally due on July 20, 2001. Applicant hereby petitions for a one-month extension of time, from July 20, 2001 to August 20, 2001 to respond to the Office Action. A check for the extension fee of \$55.00 for a small entity is enclosed. Small entity status has been previously established. A response is now due on August 20, 2001. Accordingly, this response is being timely filed.

Please amend the application as follows:

In the Claims:

Please replace claims 1 and 3 with the following. Attached as Exhibit A are the original claims marked up to show the changes being made.